Sequence of the Human Platelot-Derived Growth Factor A-Chuin Clone Uppsala-D1

CTOSSCOCCTTOSSTCCCCATCCSGCGCCCAGGAGGCTCCCGCGCTGGCGCACTCCCTGTTTCTCCTCCTCGTGGCGGCTGCTGCTGTCSCAGTCACTGCTTC

50 Glu Glu Ala Glu Ile Pro Arg Glu Val Ile Glu Arg Leu Ala Arg Ser Gln Ile His Ser Ile Arg Asp Leu Glu Val Eeu Leu Glu Ile GAG GAA GCC GAG ATC CCC CGC GAG GTG ATC GAG ATG CGC AGT CAG ATC CAC AGC AGC CGC CAG CGA CTG CAG ATA CTCGCCTCTCCTCCGAGCAGCCAGCGCCTCGGGACGCG

Asp Ser Val Cly Ser Clu Asp Ser Leu Asp Thr Ser Leu Arg Ala His Gly Val His Ala Thr Lys His Val Pro Glu Lys Arg Pro Leu GAC TCC GIA GGG ACT GAG GAT TCT TTG GAC ACC AGC CTG AGA GCT CAC GGG GTC CAT GCC ACT AAG CAT GTG CCC GAG AAG CGC CTG

Cys 150 

Leu Glu Glu His Leu Glu Cys Ala Cys Ala Thr Thr Ser Leu Asn Pro Asp Tyr Arg Glu Glu Asp Thr Gly Arg Pro Arg Glu Ser Gly TTA GAG GAG CAT TTG GAG TGG GCC TGG GCG ACG ACG GCG ACG GAG TCA GCG TGA GCG TCA GCG TC

210 211

Translated Hol. Weight = 24046.60

Sequence of the Human Platelet-Derived Groath Factor A-Chain Clone Uppsala-13-1

6constantiticaccasectecatecteces of a constant constant and a seconstant constant constant and a seconstant constant and a seconstant and a se

Met Arg Thr Leu Ala Cys Leu Leu Leu Gly Cys Gly Tyr Leu Ala His Val Leu Ala Ang Ang Acc Arc Tro GCT TGC CTG CTG CTG GGC TGC GGA TAC CTG GCC CAT GTT CTG GCC CTCCCTCTCCTCCGAGCAGCCAGCGCCTCGGCACGCG Glu Glu Ala Glu Ile Pro Arg Glu Val Ile Glu Arg Leu Ala Arg Ser Gln Ile Hia Ser Ila Arg Asp Leu Glu Heu Glu Ile GAG GAA GCC GAG ATC CCC CGC GAG CTC ATC CAG AGG CTG GCC AGT CAG ATC CAC AGC ATC CAG GAC CTC CAG CGA CTC CTG GAG ATA

Pro Leu CCC CTC 8 Asp Ser Val Gly Ser Glu Asp Ser Leu Asp Thr Ser Leu Arg Ala His Gly Val His Ala Thr Lys His Val Pro Glu Lys Arg GAC ICC GIA GGC AGI GAG GAI ICI IIG GAC ACC AGC CIG AGA GCI CAC GGG GIC CAI GCC ACI AAG CAI GIG CCC GAG AAG CGG S

Gln Val CAG GTC Pr Ile Arg Arg Lys Arg Ser Ile Glu Glu Ala Val Pro Ala Val Cys Lys Thr Arg Thr Val Ile Tyr Glu Ile Pro Arg Ser CCC AIT CGG AGG AAG AGA AGA ATC GAG GAA GCT GTC CCC GCT GTC TGC AAG ACC AGG ACG GTC ATT TAC GAG ATT CCT CGG AGT 5

170

TCA CCATCACCCCCA 

196

GCCCTTTCCTGGGACATGGATGTACATGGCGTGTTACATTCCTGAACCTACTATGTACGGTGCTTTATTGCCAGTGTGGGGTCTTTGTTCTCCTCGTGAAAAACTGTGTCCGAAAACA 

AAGGAATTC

Translated Mol. Weight = 22256.17

Figure 2.

Figure 3.

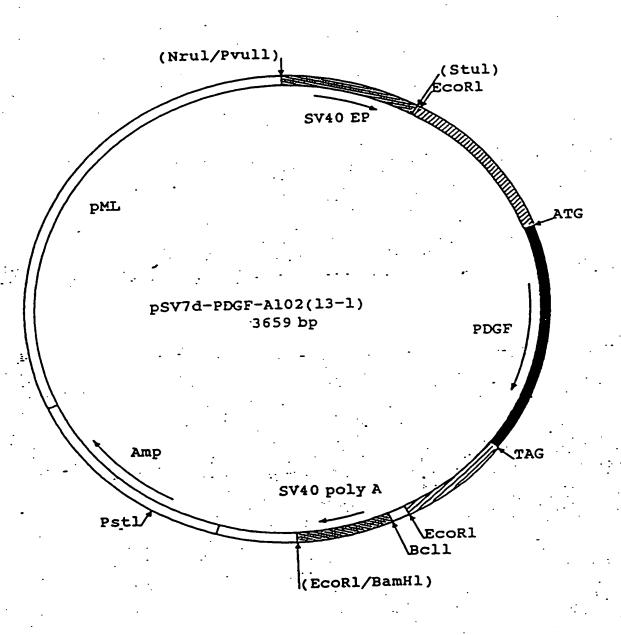
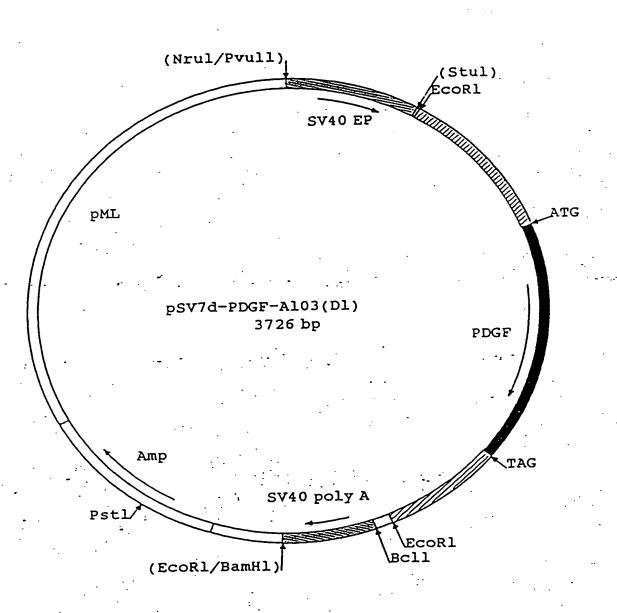


Figure 4.



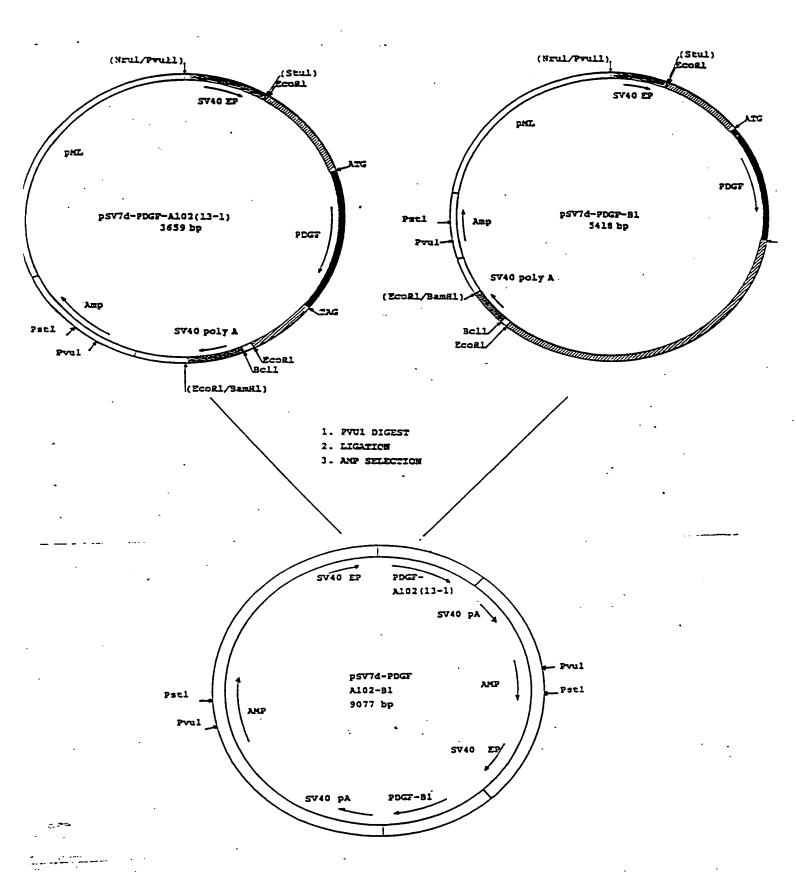


Figure 5

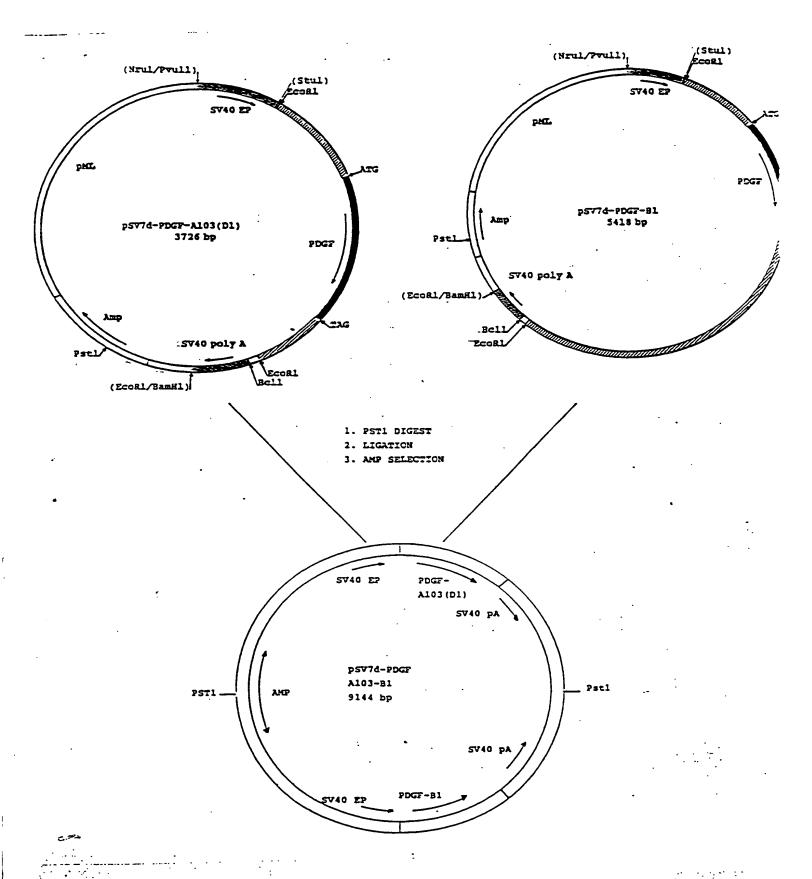


Figure 6

Sequence of SV early promoter, polylinker, and SV40 poly A addition region from pSV7d

- 121 AAGTATGCAAAGCATGCATCTCAATTAGTCAGCAACCATAGTCCCGCCCTAACTCCGCC
  TTCATACGTTTCGTACGTAGAGTTAATCAGTCGTATCAGGGCGGGGATTGAGGCGG

  132 SPH1
- 181 CATCCCGCCCTAACTCCGCCCAGTTCCGCCCATTCTCCGCCCCATGGCTGACTAATTTT
  GTAGGGCGGGATTGAGGCGGGTCAAGGCGGGTAAGAGGCGGGTACCGACTGATTAAAA
  223 NCOl,
- 241 TTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAAG AAAATAAATACGTCTCCGGCTCCGGCGGAGCCCGGAGACTCGATAAGGTCTTCATCACTTC

263 BGL1

- |-polylinker--> OC OP OP
  301 AGGCTTTTTTGGAGGAGTCGAATTCCCGGGTCTAGAGGATCCGTCGACCTAGATAAGTA
  TCCGAAAAAACCTCCTCTAGCTTAAGGGCCCCAGATCTCCTAGGCAGCTGGATCTATTCAT
  - 321 ECOR1, 326 SMA1 XMA1, 332 XBA1, 338 BAMH1, 344 SAL1,
- ATGATCATAATCAGCCATATCACATCTGTAGAGGTTTTACTTGCTTTAAAAAACCTCCCA TACTAGTATTAGTCGGTATAGTGTAGACATCTCCAAAATGAACGAAATTTTTTGGAGGGT 362 BCLl, 405 DRAl,
- 421 CACCTCCCCTGAACCTGAAACATAAAATGAATGCAATTGTTGTTGTTAACTTGTTTATT
  GTGGAGGGGGACTTGGACTTTGTATTTTACTTACGTTAACAACAACAACAATGAACAAATAA
  466 HPA1
- 481 GCAGCTTATAATGGTTACAAATAAAGCAATAGCATCACAAATTTCACAAATAAAGCATTT CGTCGAATATTACCAATGTTTATTTCGTTATCGTAGTGTTTAAAGTGTTTATTTCGTAAA
- End of SV40--->||-pBR322 (pos. 4210)->
  541 TTTTCACTGCATTCTAGTTGTGGTTTGTCCAAACTCATCCGCTCATGAGACAATAACCCT
  AAAAGTGACGTAAGATCAACACCAAACAGGTTTGAGTAGGCGAGTACTCTGTTATTGGGA

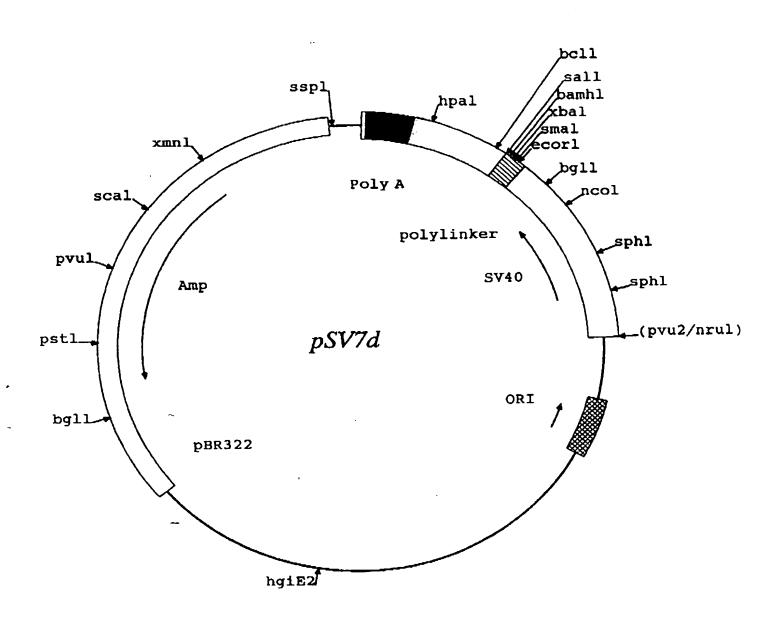


Figure 8

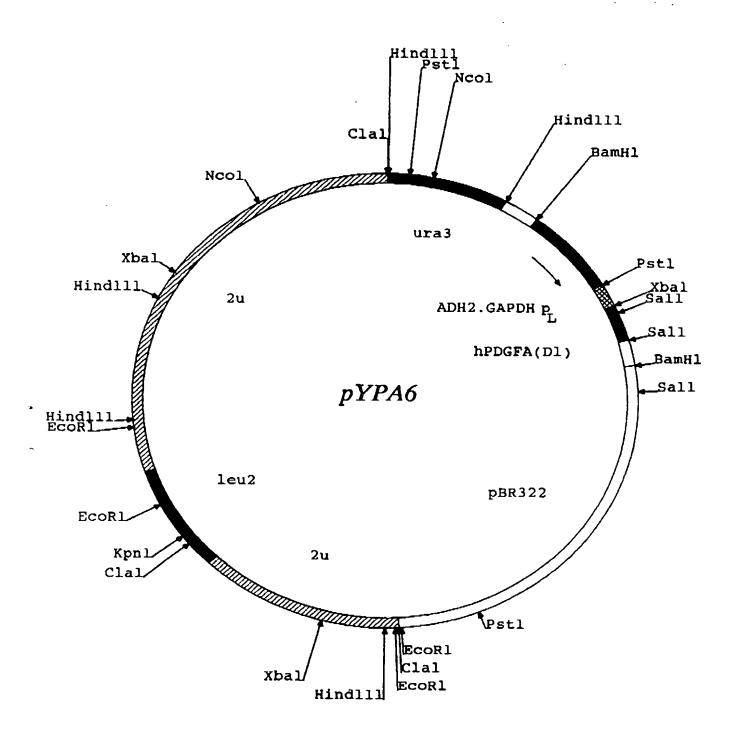


Figure 9

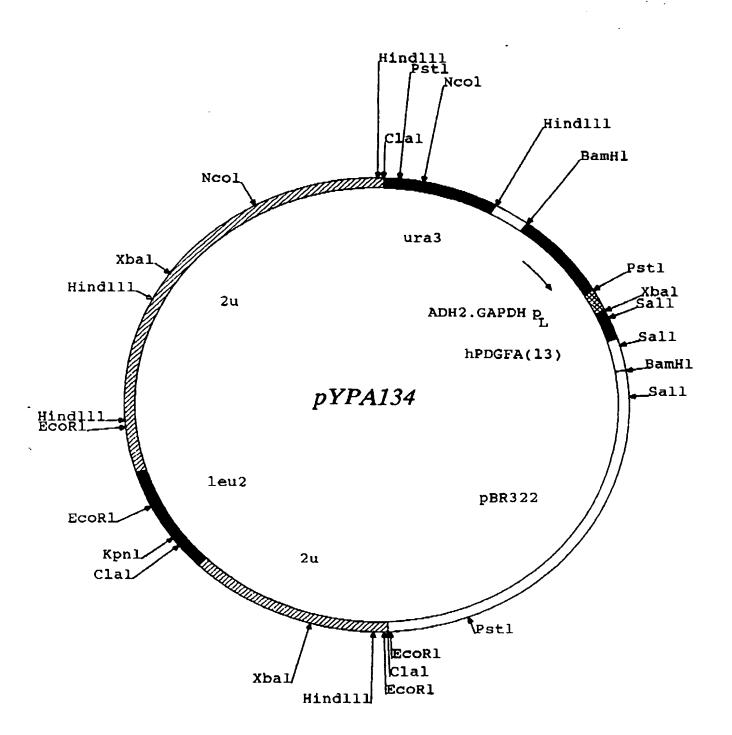


Figure 10

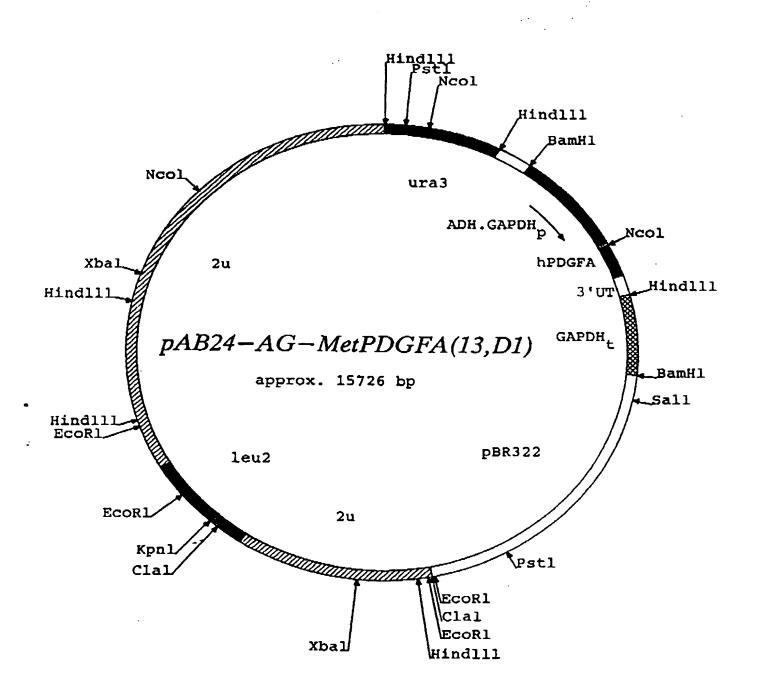


Figure 11

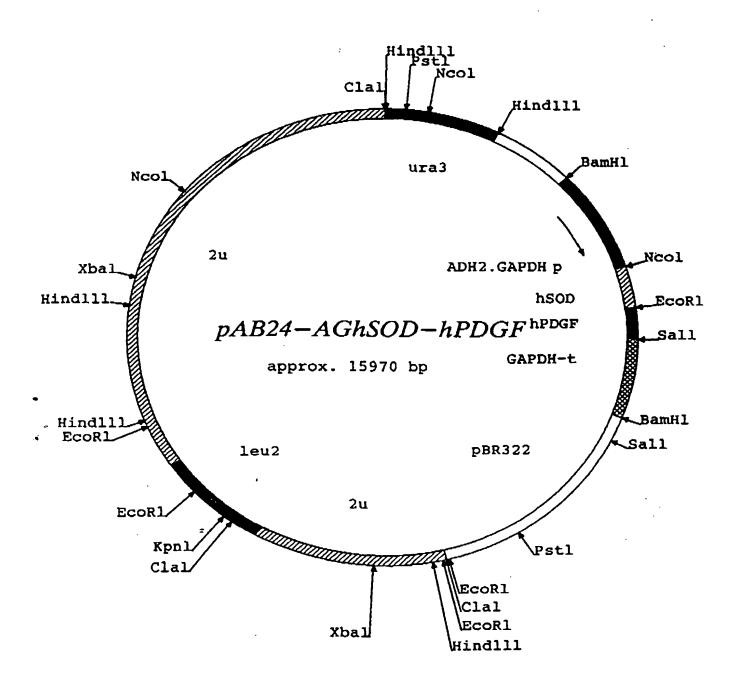


Figure 12

Figure 13.

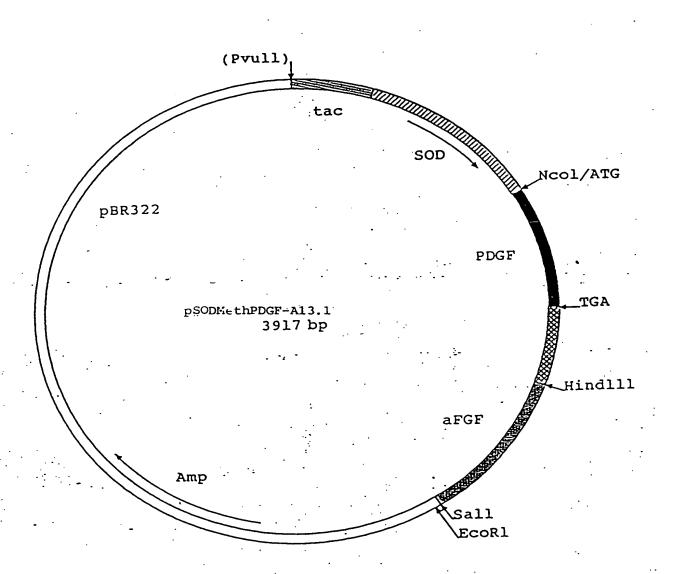


Figure 14

